VII. An account of Books. 1. Epistola D. Guilhelmi Musgrave, S. R. S. ad Editorem missa, in qua ratio redditur libri nuper editi, cui titulus, De Arthritide Symptomatica Dissertatio. Auctore Guilhelmo Musgrave, M. D. Inclyti Medicorum Londinenfium Collegii, & Regia Societatis Socio, in 840.

E Experimentis meis, cùm ipsa jubeat Pietas rationem aliquam Regia me Societati reddere; jam post intermissum aliquamdiu commercium Epistolare redditurum merito expectes. Quare per nuperos hosce dies quid in re Medica notaverim, quid etiam lucubraverim, quando ad Scientiam naturalem promovendam, pro tua humanitate id tibi conserre videatur,

en paucis accipe.

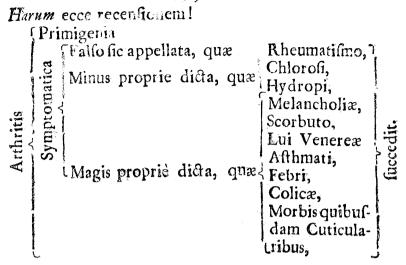
De Arthritide scribentes, quorum ego Libros pervolvi, omnes in eo laborarunt, ut Morbi istius qua Exquisiti, Primarii & Genuini Doctrinam excolant & Disciplinam edant: de Secundarià sive Symptomaticà Arthritide, parum vel minimè solliciti. Qui quidem eorum Error quodnam exstiterit in evincendà Arthritide impedimentum, quas moras fecerit, quantoq; fuerit Humano Generi incommodo, vel ex eo constat, quòd Arthritis exquisita sui generis materià, eaq; sine Morbo præcedente ullo Paroxysmos celebrante, tum etiam proprià gaudeat Curatione: E. diverso manifestum est, Arthritides Symptomaticas, nullam habere sibi peculiarem, sed vel Arthritidis Primigenia materiam, vel ab aliquo præcedente Morbo, quem Primarium dicimus, derivatam; semper autem a Pramario Morbo eas in Paroxysmos evehi, propriasq; Curationes (emper semper postulare: Unde palam est, quantum illi suerint hallucinati, qui dum uni eidemq; tantum Morbo, nempe Arthritidi Medicinam saceresibi viderentus; revera multis, iisque inter se diversis, diversa; ratione impugnandis sacerent.

Ut in istà Medicinæ parte quod deest, pro virili suppleam, Arthritidis in Primigeniam & Symptomicam divisionem, itemq; symptomaticæ in suas Species destributionem, religiosissime ante omnia conservandam propono.

Eum recte curaturum credunt, qui rationalem Medicinam profitentur, quem prima Origo Caufæ non fefellerit: neque curari id, quod ægrum est, posse ab eo qui quid sit ignoret.

Quid quod Doctissimum Mortonum in Phthisiologià, non sine Gentis Medicæ approbatione & applausu, distinctione ea utentem legimus; istiusque operà Morbum dissicilem luculenter explicari, gravissimum sœliciter curari.

Hunc ego Choragum secutus Arthritidem dico symptomaticam, in eaque Species, quotquot usquam mihi innotuere, comprehensas. Illius ratio generalis in eo locatur, quòd cum Morbi sint ab Arthritide Primigenià diversi, & intervallo quodam distantes, Stationes Primarias linquant, & erga Arthritidem moventes ei paulatim appropinquent. De appropinquandi modo ut recte cogitemus, Primarii Affectus Exuviæ, sive collapsa symptomata, simul cum Arthritidis usurpato Primigeniæ Vultu, Arthritides Symptomaticas certissimè commonstrant.



Rheumatismo superveniens Symptomatica, falsò & ex vulgi tantum opinione dicta Arthritis, Paroxysmos ad morem Arthriticum habet omnino nullos; nec Materiam ei, quæ est Arthritica ullà ex parte comparem, sed a viscida quadam materia ductus exiguos implente eosque distendente proficiscitur. Quid huic raigismur sit in causa exquiritur, & tandem vel a Calore Frigoreque vehementibus & continuis, vel ab Sale Alcalico in sanguine retento, vel ab utrog; eam oriri, tanquam probabile, declaratur.

Arthritis ex Chlorosi eas tantummodo pallidas invadit, quæ Miasmate Arthritico sunt hæreditario imbutæ. Chlorosi abituræ supervenit, & simul cum Vultu colorato, cum Robore, cum Sanguinis Metiversum, istorum Symptomatum Societati se immiscens, prosilit Arthritis. Causam habet conjunctam cum Arthritide Primigenia communem, à Chloroseos causa multum abludentem. Quamdiu vagatur hæc Arthritis, incerta ejus est Diagnosis; sed ex Ægrotæ Parentum morbis expiscanda: Articulis assixa Dolore, Tumore, Rubore, sed & iis pro augmento mensium minutis & declinantibus, se ostendit. Medendi Judicatio singularis & præcipua requirit, ut per Muliebria sanguis expur-

getur :

getur; sieq; Chlorost & Arthitidi simul semelq; occurratur. Huie assinis ea, quæ steriles & Catameniis orbatis assicit Arthritis; excepto quòd a vitiosa plenitudine procreata Catharsi, eaq; tum crebro, tum sorti, depellenda est.

Hydropi quæ suppullulat Arthritis, ita se plerumq; habet. Morbo isti, ubi in humido omne vitium, & cum humidi quod abundat jam prius emissum est, maximè verò post Amara & Chalybeata, succrescendo emergit, & quidem auspicato. Annos enim elargitur & valetudinem, si non optimum certè desiderabilem: Quare omni ope & industrià niti oportebit, ut auxiliis tum ad Hydropem propulsandum, tum ad Arthitidem invocandam idoneis, augeatur

ea confirmeturque.

Ex Symptomaticis magis proprie dictis, prima utpote a Primigenia Arthritide remotissima, (nam a remotioribus orsi, ad eas, quæ magis vicinæ sunt, gradatim descendimus) est Melancholica. Alienum id ac arecolisses, quod in fistula alimentarià spiritus, natura debiles, premendo Melancholi-. am peperit, jam in Artus propellitur, & Arthritidem parit Clementer ea se fere gerit, neque Pa-Symptomaticam. roxysmos adeo atroces habet, ac reliquæ ferme omnes; & ea qui tenentur, in pristinum affectum, nempe Melancholiam plerumg; cito revertuntur. Dignoscitur hic Affectus, si Æger diu Melancholia, demum Arthritide laboraverit, & hac quò magis eò remissius illà, maximè si hoc crebro acciderit. In ejus Prophylaxi, juvat alienum e sanguine amoliri, ejusque in primis viis regerminationi obstare: tum spiritus levare, languentes suscitare: quod quidem Aqq. purgantibus & Diureticis, Infuso Chalybeatis, & Cortice Peruano perficiendum.

Melancholicæ proxima, sed longo proxima intervallo, est Arthritis Ea, quæ Scorbutum excipit; Morbus certe apud Damnonios ingenio valde peculiari, propter Scorbutus, ex quo Emanat, 360 peculiare. Est enim is Scorbutus veteris istius Lepræ, quæ Damnonium universum paucis ante seculis perreptando graviter afflixit, in junna. Hinc

illæ frequentes Papulæ, Cutis ille pruritus intolerabilis, Color ille flammeus, Fervor importunus, Exanthemata. Lichenes, Squammulæ veteris scil. Lepræ reliquiæ, Ign's nondum penitus exstincti Scintillulæ. Mites habet hæc Arthritis Paroxysmos, & (quod ei proprium) Affectus Primarii Symptomata non pauca constanter retinet: Ur ex Scorbuto Arthritico scabie, maculis, Gingivarum vitiis, renitente licet Medicina, etiam dolente Articulo infician-Calido isti Scorbuto quæ subnascitur, Arthritis semper reperitur Calida: Të Haleds 78 Haleds. In Paroxysmo. Materia Articulis impacta blande foras elicienda. Cane pejus & angue sunt Repellentia. Extra paroxysmum, evacuantibus. Materia peccans amandetur, alterantibus corrigatur, ne repullulet inhibeatur: Horum primum Mercurialibus, alterum Antiscorbuticis cum Antiarthriticis una maritatis. Agg. Diureticis, tertium Digestiviis attentandum.

Immoderata Venus ab antiquo Arthritidem accersivit. verum maxime ex quo accessit ei Lues. Maturos hac Symptomatica potissimum invadit. Lui ad Arthritidem tendenti calcar addit Empericorum Mos ille perniciosissimus, quo Puris suppressioni in curanda Gonorrhæà properè nimis insistunt hi Ardeliones, neglectà vel remisse factà Purgatione. Etsi Luis in Arthritidem mutatio sæpe est in eodem corpore, tamen nonnunquam diversa comprehendit. cum a Mariti Lue Arthritis in Uxore per concubitum accendatur. Hujus Symptomatica Dolor est Erraticus, & ob aliena ista spicula acutus, nulli certe Arthritidi tam acutus, tam cito recidivus, tam simul longius duraturus. Quamprimum interciduntur Accessiones, aut multum remittuntur, si nulla fuerit evacuatio Materiæ, in caput ea solet transferri, & vel Apoplexian, vel Motus convultivos excitare. In Paroxysmo Dolor Paregoricis allevandus, sed non nisi cum Cautelà datis ne capiti materia impingatur. In vacationibus, a Lue Venerea mutuo sumenda Indicatio: Antifyphilicis, cum Evacuantibus, tum Alterantibus, fanguis Rrrrrrr tuendus. tuendus, quem in finem aquæ prosunt Bathonienses, & in

nostra vicinia Bamptonenses.

Asthmatisuccrescit Podagra creberrime Pituitofé, maximea: fi Medicina, (Catharticis scil. Agasnuolegois, & Antiasthmaticis calidioribus) fuerit extimulata. Ejus Materiam diu in Ægroti corpore extitisse, Pituità videlicet involutam. & eum ea per Sputum Kas iningaoir externi credibile est. Aliis omnibus Arthritidis speciebus hoc nomine Arthritis hac Symp. tomatica Æstate lætatur. Hyeme ab Asthmate superatur sub ejusque larva se abscondit. Propterea quod illius materia frequenti expuitione magnam partem ejicitur, raro Tofos. aut Ulcera, aut Dolorem habet diutinum. In Epicena huius Arthritidos, nunc Pulmonem, nunc Artus infestantis. Curatione in priore statu ut Asthma debelletur, Dolor Articularis excitandus; Venæ sectio vel prorsus omittenda. vel quam in simplici Asthmate oporteret sanguis minori quantitate detrahendus. Catharsis Orgasmum in sanguine facientibus, sed & iis rarius celebranda, ne videlicet Naturam Arthritida recte va: it un ivan desiderantem alio divertamus Materiam Arthriticam tum expellentia, tum evocantia. tum interne, tum externe adhibeantur. In altero vero statu, quo propria persona elucet Arthritis, studiosius infistendum, et, si flaccuerit excitandæ, si viguerit tuendæ fervaldæque. Natura enim ab Asthmate per Arthritida sibi cavet. In eius dolore Paregorica propter spiritum difficilem, non temere propinanda. In hujus Symptomaticæ Prophylaxi, 'Anenoias fæces & reliquias Eccoproticis subinde datis amandare digestivis coctionem perficere, Diata rationem aptam prosequi expediet.

Febri interdum exquisitæ, eig; tam intermittenti quam continuæ, tam Συνόχω quam Συνοχος succedit Arthritis; nec quidem modo intellectu difficili, sive per indomitum aliquid & 'Βτεςογενὸς in sanguine contentum, eumq; perturbans sive propter obstructas glandulas oriatur Febris. Ratione ortus, Multiplex est hæc Arthritis; semper autem, quo possumus studio promovenda, nempe ut tenuetur Febris.

In hujus Symptomaticæ Prophylaxi, Febris cujus ea Germen est & Fructus, habeatur ratio, quæ quidem varia requirir

diligenter attendenda.

Morbus Colicus has in Regione frequentissimus est; & nunc a Bile, nunc ab acido Pomaceo, nunc a Dyspepsiis ortus, Arthritidem habet frequenter Pedisequam. Prosapiæ prius dictæ est, ei medendæ preferenda Indicatio, qua externis quibuscunque materia foras in Artus Hujus Curationis proprietas habeatur, auxiliis uti tantummodo externis, Cardiaca respuere interna & calida; ne incitata Febre, & mutatà simul inclinatione Materiæ, Cerebrum ea, (quod jure quasi avito facere solet) aggrediatur. Colica ex Pomaceo superveniens. Arthritis dolorem habet valde acutum, in Colicam facile recurrit, iterumq; Arthritidos personam induit, iterumq; deponit; raro Articulorum Nodis, Oppilationibus, Ulceribus est signata; quod ex Materia, partim per anum usitate expressa partim Intestinis affixa, fieri credibile est. Colicam ex Dispessiis ortam, quæ sequitur Arthritis, Catharsi fortiore, vel Cardiacis calidioribus solet excitari; & in Colicam iterum mutari, quoties Materia vel in intestina retrocedit, vel in primis viis de novo generatur; quorum alterum sæpe & ex facili sit alterum quotidie. Arthritide sananda, Medicinam uti decet, nemo unquam exercebit, nisi Colicam, cui ea subjicitur, ob oculos posuerit. Ubi in Poculis erratum, illud deponendum. Quod intus alieni est, per Aqq. purgantes expellendum. Dyspepsia ut tollatur, Cocionis Egyasieur bene & crebro purgandum, Digestivis roborandum. Hujus tituli Symptomaticis hoc commune est, Quod eorum Paroxysmi per Eccoprotica subinde iterata maxime vel præcaventur, vel saltem minuuntur; & quod omnium sæpissime in affectum redeunt Primarium.

Morbis Cuticularibus, quales sunt Achores, Hæmorrhoides, Ulcera, succedit aliquando Podagra. In Morbis hisce Primariis, Natura ineptum aliquid extra propellit. Hoc si adauctum suerit, Articulis sæpe deponitur. Arthritico durante Paroxysmo conquiescunt Affectus Primarii, sistuntur Evacuationes, exsiccantur Latices; eo ad exitium perducto, vel paulo post scaturiunt denuo, & quidem tantisper nova repullulante & urgente dum Materia, prælium redintegretur, & Asilis Arthritica revertatur. In Curatione Morbus quicunq; suerit Primarius in totum alendus, Ulcus per Cathæretica, Achores per Attrahentia, Hæmorriboides per Aloetica internè, per Hirudines externe adhibitas.

Habes Eibelli nostri Epitomen: Utinam sane ei, quo te studio & affectu prosequor; utinam ei qua Societatem obfervantia colo & revereor par inveniatur.

Vale în Augmentum Scientiarum, & illius memineris, quod ab Hippocrate scriptum est, Αγαθοΐοι β' Insgoïοιν, αι Ομειό-Inses Πλάνας και 'Αποςίας. Iterum vale. Μα Damnoniorum. Equinoctio Verno, MDCCCIII.

2. Specimen Lithographiæ Helveticæ curiosæ, quo Lapides ex Figuratis Helveticis Selectissimi Æri incisi sistuntur & describuntur, a Johanne Jacobo Scheuchzero, M. D. Figuri, 1732, 8^{vo.}

Ot only our own, but all the Bodies we converse with and make use of, Animals, Vegetables and Minerals, rise out of the Earth. Which therefore is a Subject of so great Notice and Consideration, much to be wondred the Ancients should have bestow'd so little Time or Thought upon it; and the more because many of them were so exact in the choice of what they were to treat upon. But Georgius Agricola was the first we know of, that about

about 150 years ago attempted any thing to purpose on this subject. His living in a considerable Mine Country, and his great converse with Ores and Minerals, gave him a mighty opportunity of advancing this Knowledge: And his Learning and Diligence were both very extraordinary. But the greater part of his Labour wasemploy'd in setting forth the Ways of working the Mines, of discovering and ordering the Ores of Metals and Minerals. and in endeavouring to ascertain which particular Sorts of them the Ancients meant by their Names, rather than in clearing up the Natural History of them. Not but that he made some Progress in this too, and very great for the time in which he liv'd, when Natural Studies were only in their Infancy: So great that none of the Writers of Fosfils fince his time have come near him. Indeed the greatest part of them have done little more than copy from his But of late there hath been such a view given the World of the Extent, the Use and the Importance of this Study, as to have recommended it to the Pursuit of some of the most discerning Naturalists of the Age. Amongst these is Dr Scenchzer of Zurich, the Author of this Specimen. who along with Real Learning and great Personal Abilities. has shewn a vast deal of Diligence in his Ingairies into this part of Nature. That City has been very happy in producing several, who have bent their Thoughts this way. The works of Conradus Gesnerus, who was one of the greatest Genius of the last Age, and Jacobus Wagnerus's Natural History of Switzerland, are Instances of this. Every body knows what vast Mountains there are in that Country. and Dr Scheuchzer with indefatigable Industry, to say nothing of the Expence and of the great danger of fuch an Undertaking, has carried his Searches and Enquiries to the Tops of the highest of them. And even there he found variety of Sea-shells, and other Marine Producti-But these have been also observed on the highest Mountains in other parts as well as here; which indeed cannot

cannot but be thought a Thing very surprizing and of great Consideration, by all who duly reflect upon it. A-long with the Descriptions of the Bodies here set forth, the Author hath caused Icons to be graved of all of them. The chief of the figured Native Follils he found in this Country, are the Belemnites, p. 25. 44. The Selenita Rhomboidalis, p. 49. and the Fluor Christallinus trigonus, p. 20. He gives a remarkable Variety of the Fossil Corolloid Bodies, ex. gr. Corallium fossile cortice reticulato, d. 14. Retepora seu Eschara maxima Imperati Lapidea, p. 12. Alcyonium tuberosum forma ficus vel quintum Dioscor, p. 17. Fungulus pyriformis Lapideus, p.6. Astroites, p. 36, 39. Of the Sea Shells that he gather'd on these Mountains, the most considerable are the Nerita, p. 26. Auris Marina Fossilis. p. 58. Umbilicus Marinus, p. 24. Concha Tellinoides, p. 21. Conchæ Margaritiferæ fragmenta, p. 55. Conchula echinata, p. 49. Pectunculus parvus capillaribus Striis notatus, p. 23. Petten dense striatus, ibid. Chamafossilis, p. 55. In this Shell he observes there were discernible the Vestigia of the Muscles by means of which the Animal adhered to the Shell. Nor ought we to omit the Echinus Spatagus, p. 61. The Afteria, p. 2. The Entrochi, p. 4, &c. Two Joynts of the Claw of a Lobster struck out of a piece of Stone, p. 27. And a piece of a Shell of a Crab, of that fort that is called the Molucco-Crab, lodged in a very bard fort of Stone, p. 65.

3. De Locis Solidis Secunda Divinatio Geometrica, in quinque Libros injuria Temporum amissos, Aristai Senioris Geometra. Autore Vincentio Viviani, Magni Ducis Etruria Mathematico Primario, & Regalis Societatis Londini Sodali. Opus Conicum in Lucem prolatum, Ann. 1701. Folio.

when this Book was published, and the last alive of the famous Galileos Scholars, was ever since the year 1642 employed by the great Dukes of Tuscany in directing the Fortifications of their Dominions, overseeing their Buildings, the banks of the Rivers, and other publick Works; so that he complained that he had not leisure to prosecute his inventions in Geometry, that he made in his younger days, of which this Book is one.

As for his other Works they are these. In the year 1659, he published a Book in solio, intituled, De Maximis & Minimis Divinatio Geometrica in Quintum Apollonii Librum; and he wishes, that as Apollonius's own fifth Book was found shortly after, so Aristans's Books may be found after the edition of this. That Divinatio is the reason why this Book, we are now to give an account of, is called Divinatio Secunda. In the year 1692 he published a Treatise in Italian, intituled, Formazione e Misura di Tutti i cieli, in consequence of an Ænigma Architestonicum he had, under a borrowed name, proposed in the beginning of that year, in which divers learned men concerned themselves. These are all he

has published in Mathematicks, besides it is Book, and two small pieces, containing the solutions of some Problems proposed by French Mathematicians. He dyed at Florence, An. 1703, and lest a great many other Works, rather begun than perfect; but which, such as they are, will no doubt be acceptable to the Publick, as coming from one of so great knowledge and reputation in Synthetick Geometry, and Mechanical Learn-

ing.

In the Preface to this Book he gives an account of Aristam Senior Geometra, as far as can be gathered from the Ancients, and of his Writings. This Aristam wrote five Books of Conick Sections, which Euclid himself valued so much as to imitate and add to them, as Pappus says. He wrote other Five Books de Locis Solidis, which are these that Vincentio Viviani pretends to restore. Pappus also seems to say that he wrote a History of what had been done in Geometry until his time. And Campanus in an Annotation on Prop. 1. Lib. XIV. of the Elements, mentions a Book of Aristans, intituled, Expositio Scientia quinque Corporum, from whence it may be inferred that he was of the Platonick Sect.

Tho the Author intended five Books, as Aristans had written; yet he has published only three, and seems to despair of ever publishing the other two.

Liber I.

In quo de locis Ordinationum conicarum Limitibus pertractatur.

This Book is divided into five parts.

Part 1. Are 34 Lemmatical Propositions, where are considerable eases in demonstrating the properties of the Conick Sections from the Regulatrix 3 Moduli ex Semiresto,

ex nerticali, ex lateralizand in the Hyperbola from the Nountr's ex Asymptoto, Triangulum circumactum a Symptotule, exc. all which he there defines.

Part 2. Prop. 35. Shews that the Altitudines Normalium (or the Subnormales) in all the Conick Sections, erected from the points of the Axis, where the Ordinates are erected, are ad Locum planum: And Prop. p. 36 and 37, that the Normales to a right Line and a Circle erected as above (which is ever understood) are ad Locum planum; but in the 38 and onto the 42, that the Normales of the Conick Sections are ad Locus Solidos, which he there determines.

Part 3. Prop. 43. Shews that in all the Conick Sections and Circle, the Altitudines Normalium Juper Ramos ex vertice are ad Locum Planum; but from thence to the 49, that the Normales Juper Ramos ex vertice are ad locos Solidos, which he there determines.

Part 4. In the first three propositions from the 50 to the 52 inclusive, he determines the Locus Solidus of the Rami from the Vertex of a Circle, or from an Origine betwixt the Vertex and the Center, or without the Circle. Prop. 52. he shews that the Rami from the Focus of any Conick Section erected to the Axis are ad Locum planum of a right Line there determined. In the following Prop. p. to the 58 he determines the Loci Solidi, made by the Ordination of the Rami of a Parabola, drawn from the principal Vertex, and from an Origine in the Axis betwixt the Vertex and the Focus, and below the Focus, and above or without the Vertex. four to the 62 he determines the Loci Solidi made by the Ordination of the Rami drawn from the Origine in the Lesser Axis of an Ellipsis; to wit, either the Vertex, the Center, betwixt the Vertex and Center, or without the Vertex. From the 63 to the 68 he determines the Loci Solidi made by the like ordination of the Rami upon the greater Axis of an Ellipsis. From the 69 to the 77 the like is struttu done done in regard to the Hyperbola, where there occurs a greater variety, as it is here managed. The next two Propositions are the like in the opposite Sections, where they superadd any thing to what was before said of one Hyperbola. And because a Rectilinear Angle may be considered as an infinitely narrow Hyperbola, to wit. whose transverse Axis is a point, in the 80 and last Propolition of this Book he determines the Locus Solidus. made by the ordination of the Rami to this Angle, from an Origine in its Axis, either within or without the To this Book he subjoyns an Epilogue, conraining some general Corollaries, useful, as he says toward some things which he intended to publish; as that in a Circle the Loci Solidi made by the ordination of the Rami from an Origine in the Vertex, or within, are Parabola, which are all Lines like one another; and that the Local plani arising by the ordination of the Rami from the Focus of a Conick Section or Circle are strait Lines, which are also like Lines, and so in other cases, that like Locaarise from such applications.

Part 5. The first two Propositions determine the Loci Solidi, arising when the Tangents of the Parabola, intercepted betwixt the Section and either the Axis or the Tangent in the principal Vertex, are made ordinates to the principal Axis. And the next two determine the Loci Solidi, arising when the Normales, either to the Section, or to the Rami, proceeding from the principal Vertex, are made ordinates to the Tangent in the said

Vertex.

Liber II.

In quo Loci Ordinatarum potentium Limites indicantur.

In this he treats at large, in 71 Propositions, of the the Loci both Plani and Solidi arising from ordinates upon

a strait Line, whose Squares are equal to the summs or differences of the Rectangles and Squares of a Line, and its Segments and other assumed Lines, in all the variety and combinations thereof.

Liber III.

In quo Loci variarum dispositionum Limites assignantur.

Here is the determination of the Loci plani and Solidi that arise from several ways different from the former. For example, if from two given points there be drawn several pairs of strait Lines, whose Squares together be equal to a given Square, the concourse of each pair is in the Locus planus of a Circle there determined. And (the other conditions remaining) if of each pair of Strait Lines one be drawn from a given point, and the other be perpendicular to a given strait Line, the concurse is in the Locus Solidus of an Ellipsis there determined. Afterwards there are several Problems concerning Arithmetical, Geometrical, and Harmonical mean proportionals betwixt two Extreams, and divers Methods for describing the Conick Sections by points. There are also subjoyned several addenda to all the preceding three Books.

At the end of the Book are Prints of the Orthography and Gate of a Stately House built by the Author Vincentia Viviani at Florence, with the Inscriptions on the front thereof in honour of the French King Lewis XIV, free whom he had an annual Pension for many years: and of the Family of the Great Duke of Tuseany; and of his Preceptor the Famous Galileo Galilei, with a Print of Galileo's Busto in Brass, which is set over the Gate:

ERRATA. P. 1581. 1. 22. after refract r. vitioussy.

Printed for Sam. Smith and Benj. Walford, Printers to the Royal Society, at the Princes Arms in St Paul's Church-yard. 1704.